AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of the claims in the Application. With reference to the listing it is noted that, herewith, claims 1, 18, 20, and 22-24 are amended. No new matter has been added.

Listing of Claims

1. (Currently Amended) A method, comprising:

determining to communicate traffic via an uplink connection of a digital generally bi-directional communications service,

receiving a measurement about available downlink radio signals,

determining to select according to a predetermined criteria one of the available downlink radio signals,

determining to change to the selected available downlink radio signal for in part performing a handover so that said handover is performed only between a downlink of [[a]] the digital generally bi-directional communications service and a digital generally unidirectional broadcast communications service, and

determining to ~~maintain to communicate~~ complete said handover, wherein with said completion of said handover [[,]] traffic communication is maintained via [[an]] the uplink connection of the digital generally bi-directional communications service, wherein the traffic was communicated, prior to said handover, via the same uplink connection.

2. (Previously Presented) A method as claimed in claim 1, wherein the changing includes determining to send a partial handover command.

3. (Previously Presented) A method as claimed in claim 2, wherein a user apparatus determines to listen to the downlink radio signal, and determines to send a report on a listening result to a network element deciding the handover.

4. (Previously Presented) A method according to claim 1, wherein said method comprises performing the handover from a digital broadband data communication domain to a cellular mobile data communication domain or vice versa.

5. (Previously Presented) A method according to claim 1, wherein said method comprises selecting the downlink radio signal via a measurement signalling structure of Intersystem handover of UMTS for the handover between said services.

6. (Previously Presented) A method according to claim 1, wherein said handover relates to a certain service leaving any other service transmitted via networks of said services still usable for a user apparatus.

7. (Original) A method according to claim 1, wherein, in said method, the handover process is adapted to use a native network level signalling for application independent handover between said services.

8. (Original) A method according to claim 1, wherein said services are adapted to pertain to domains comprising a hybrid network system containing at least two functionally different network systems.

9. (Previously Presented) A method according to claim 1, wherein the method further comprises determining to continue unidirectional communication service reception in another cell area from current downlink communication received in a first cell area.

10. (Original) A method according to claim 1, wherein the digital generally unidirectional communications service pertains to a domain comprising DVB-T cells establishing a DVB-T network.

11. (Original) A method according to claim 1, wherein the digital generally unidirectional communications service comprises a wireless multi-carrier signal transmission.

12. (Previously Presented) A method according to claim 1, wherein said services pertain to domains comprising cells of wireless cellular networks and a user apparatus is adapted to wirelessly communicate with said domains.

13. (Previously Presented) An apparatus, comprising: a processor configured to perform the method according to claim 1 when in operation.

14. (Canceled)

15. (Canceled)

16. (Previously Presented) An article of manufacture, comprising a computer readable medium containing computer readable program code configured to perform the method of claim 1 when run on a computer.

17. (Canceled)

18. (Currently Amended) A method, comprising:

determining to communicate, from a user apparatus, traffic via an uplink connection of a cellular mobile data communication domain,

determining to measure, at [[a]] the user apparatus, received downlink radio signals of [[a]] the cellular mobile data communication domain and a digital broadcast data communication domain,

determining to send a measurement report of said received downlink radio signals to said cellular mobile data communication domain,

receiving a handover command at said user apparatus for changing to another available downlink radio signal,

determining to send a confirmation from said user apparatus to the digital broadcast data communication domain for moving a downlink service delivered via the cellular mobile data communication domain to the digital broadcast data communication domain, wherein a handover corresponding to said command comprises a partial handover so that the

signals and service relating to a downlink of the cellular mobile data communication domain are configured to be handed over to the digital broadcast data communication domain, and

determining to ~~maintain to communicate~~ complete, at said user apparatus, said handover, wherein with said completion of said handover [[,]] traffic communication is maintained via [[an]] the uplink connection of the cellular mobile data communication domain, wherein the traffic was communicated, prior to said handover, via the same uplink connection.

19. (Previously Presented) A method according claim 18, further comprising communicating in such a way that the cellular mobile data communication domain requests resources from the digital broadcast data communication domain, and obtaining an acknowledgement on available resources of the digital broadcast data communication domain at the cellular data communication domain.

20. (Currently Amended) A method, comprising:

determining to communicate, from a user apparatus, traffic via an uplink connection of a cellular mobile data communication domain,

determining to measure, at [[a]] said user apparatus, received downlink radio signals of a digital broadcast data communication domain and [[a]] the cellular mobile data communication domain,

determining to send a measurement report of said received downlink radio signals to said digital broadcast data communication domain,

receiving a handover command at said user apparatus for changing to another available downlink radio signal,

determining to send a confirmation from said user apparatus to the cellular mobile data communication domain for moving a downlink service delivered via the digital broadcast data communication domain to a downlink of the cellular mobile data communication domain, wherein a handover corresponding to said command comprises a partial handover so that signals and service relating to the digital broadcast data communication domain are configured to be handed over to a downlink of the cellular mobile data communication domain, and

determining to complete, at said user apparatus, said handover ~~maintain to communicate~~, wherein with said completion of said handover [[,]] traffic communication is maintained via [[an]] the uplink connection of the cellular mobile data communication domain, wherein the traffic was communicated, prior to said handover, via the same uplink connection.

21. (Previously Presented) A method according to claim 20, further comprising communicating in such a way that the digital broadcast data communication domain requests resources of the cellular mobile communication domain, and obtaining an acknowledgement on available resources of the cellular mobile communication domain at the digital broadcast data communication domain.

22. (Currently Amended) An apparatus, comprising:

a processor; and

a memory including computer program code, the memory and the computer program code configured to, with the processor, cause the apparatus at least to perform:

determine to communicate traffic via an uplink connection of a digital generally bi-directional communications service,

~~determine to measure~~ receive a measurement about available downlink radio signals,

~~determine to transmit the measurements,~~

determine to select according to a predetermined criteria one of the ~~receive a handover command for changing to another~~ available downlink radio ~~signal~~ signals,

determine to ~~transmit~~ change ~~a confirmation~~ to the selected available downlink radio signal for in part performing a handover ~~corresponding to said command~~ so that said handover is ~~configured to be established~~ performed only between a downlink of [[a]] the digital generally bi-directional communications service and a digital generally unidirectional broadcast communications service, and

determine to ~~maintain to communicate~~ complete said handover, wherein with said completion of said handover [[,]] traffic communication is maintained via [[an]] the uplink connection of the digital generally bi-directional communications service, wherein the traffic was communicated, prior to said handover, via the same uplink connection.

23. (Currently Amended) An apparatus, comprising:

a transceiver configured to determine to communicate traffic via an uplink connection of a cellular mobile data communication domain,

a receiver configured to determine to measure ~~available~~ received downlink radio signals of the cellular mobile data communication domain and a digital broadcast data communication domain,

[[a]] said transceiver further configured to determine to ~~transmit~~ send ~~the~~ a ~~measurements~~ measurement report of said received downlink radio signals to said cellular mobile data communication domain,

said receiver further configured to receive a handover command for changing to another available downlink radio signal, and

said transceiver further configured to determine to ~~transmit~~ send a confirmation to the digital broadcast data communication domain for moving a downlink service delivered via the cellular mobile data communication domain to the digital broadcast data communication domain, wherein ~~in part performing~~ a handover corresponding to said command comprises a partial handover so that the signals and service relating to a downlink of the cellular mobile data communication domain are configured to be handed over to the digital broadcast data communication domain ~~said handover is configured to be established only between a downlink of a digital generally bi-directional communications service and a digital generally unidirectional broadcast communications service,~~ and determine to complete said handover ~~maintain to communicate~~, wherein with said completion of said handover [[,]] traffic communication is maintained via [[an]] the uplink connection of the ~~digital generally bi-directional communications service~~ cellular mobile data communication domain, wherein the traffic was communicated, prior to said handover, via the same uplink connection.

24. (Currently Amended) An apparatus, comprising:

a processor configured to determine to communicate traffic via an uplink connection of a cellular mobile data communication domain,

a receiver configured to determine to measure ~~receive~~ received ~~a measurement about available~~ downlink radio signals of a digital broadcast data communication domain and the cellular mobile data communication domain,

[[a]] said processor further configured to determine to send a measurement report of said received ~~select according to a predetermined criteria between the available~~ downlink radio signals to said digital broadcast data communication domain,

said processor further configured to ~~determine to~~ receive a handover command for ~~change~~ changing to another available downlink radio signal,

said processor further configured to determine to send a confirmation to the cellular mobile data communication domain for moving a downlink service delivered via the digital broadcast data communication domain to a downlink of the cellular mobile data communication domain, wherein a handover corresponding to said command comprises a partial handover so that signals and service relating to the digital broadcast data communication domain are configured to be handed over to a downlink of the cellular mobile data communication domain ~~for in part performing a handover so that said handover is configured to be established only between a downlink of a digital generally bi-directional communications domain and a digital generally unidirectional broadcast communications domain~~, and

said processor further configured to determine to complete said handover ~~maintain to communicate~~, wherein with said completion of said handover [[,]] traffic communication is maintained via [[an]] the uplink connection of the ~~digital generally bi-directional communications domain~~ cellular mobile data communication domain, wherein the traffic was communicated, prior to said handover, via the same uplink connection.

25. (Previously Presented) A method as claimed in claim 1, wherein uplink can be maintained when said partial handover is performed.

26. (Previously Presented) A method as claimed in claim 1, wherein the partial handover relates only to downlink radio communications.

27. (Previously Presented) A method as claimed in claim 26, wherein the partial handover relates only to downlink radio communications of the generally bi-directional communications service and the generally unidirectional broadcast communications service.

28. (Previously Presented) A method as claimed in claim 1, wherein the partial handover is configured to be related to the service between a transmission of the generally unidirectional broadcast communications service and a transmission of the downlink of the generally bi-directional communications service.

29. (Previously Presented) A method as claimed in claim 1, further comprising determining to maintain on a basis of said uplink a bi-directional interaction channel to the digital generally unidirectional broadcast communication service.